

What is claimed is:

1. A data recording apparatus that sequentially inputs data configured in units that cannot be recorded across different files and records the data in a file having a predetermined volume, comprising:

size detecting means for deciding when data is sequentially recorded in file, whether next unit of the data to be recorded can be fully recorded in the same file, or not;

file creation controlling means for recording said next data to be recorded in another file or stopping recording if the case where the result of the decision by said size detecting means shows that recording is not possible; and

file writing means for writing data in a file according to the control from said file creation controlling means.

2. A data recording apparatus that records data in a file comprising:

detecting means for detecting a change of a property attached to said data;

file recording controlling means for recording data in said plurality of files or stopping recording according to said change of the property; and

file writing means for writing data in a file according to the control from said file creation controlling means.

3. The data recording apparatus according to claim 2, wherein said property is image mode information and



detecting means for detecting a change of a property attached to said data;

file recording controlling means for converting the property of said data to the previous property and recording data in said file when said detecting means detects a change of the property; and

file writing means for writing data in a file according to the control from said file creation controlling means.

8. The data recording apparatus according to claim 7, wherein said property is image mode information and said file recording controlling means converts the content of said data to the image mode information before the content is changed and records data in said file when the content of said image mode information changes.

9. The data recording apparatus according to claim 7, wherein said property is voice mode information and said file recording controlling means converts the content of said data to the voice mode information before the content is changed and records data in said file when the content of said voice mode information changes.

10. A data recording apparatus that records data inputted in file units in another file, comprising:

detecting means for detecting the type of a property attached to said data;



14. A medium carrying a program and/or data to make a computer execute all or some functions of all or some means of the data recording apparatus of the present invention according to one of claims 1 to 13 and that can be processed by a computer.

15. An information package that is a program and/or data to make a computer execute all or some functions of all or some means of the data recording apparatus of the present invention according to one of claims 1 to 13.